Specifications

Model			WM55FX	WM65FX	WM75FX *	WM85FX *
Panel	Diagonal Size		55"	65"	75"	85"
	Type		New Edge, 60Hz	New Edge, 60Hz	New Edge, 60Hz	New Edge, 60Hz
	Resolution		3,840 x 2,160 (Landscape)	3,840 x 2,160 (Landscape)	3,840 x 2,160 (Landscape)	3,840 x 2,160 (Landscape)
	Brightness (Typ.)		450cd/m2 (without glass)	450cd/m2 (without glass)	450cd/m2 (without glass)	450cd/m2 (without glass)
	Contrast Ratio (Typ.)		4000:1 (Typ.)(without glass)	4000:1 (Typ.)(without glass)	4000:1 (Typ.)(without glass)	4000:1 (Typ.)(without glass)
	Type		VA	VA	VA	VA
	Viewing Angle (H/V)		178:178	178:178	178:178	178:178
	Operation Hour		12/7	12/7	12/7	12/7
Sound	Speaker Type		Built in Speaker (15W x 2CH)	Built in Speaker (15W x 2CH)	Built in Speaker (10W x 4CH)	Built in Speaker (10W x 4CH)
Connectivity	INPUT	RGB	N/A	N/A	N/A	N/A
		VIDEO	(Basic) HDMI 1, (With Tray) HDMI 1, USB-C	(Basic) HDMI 1, (With Tray) HDMI 1, USB-C	(Rear) HDMI 1 (Front) HDMI 1, USB-C (65W PD)	(Rear) HDMI 1 (Front) HDMI 1, USB-C (65W PD)
		AUDIO	N/A	N/A	N/A	N/A
		USB	(Basic) USB 1 (With Tray) USB 1, USB External (In/Out pair) 1	(Basic) USB 1 (With Tray) USB 1, USB External (In/Out pair) 1	(Rear) USB 1 (Front) USB 1, USB External (In/Out pair) 1	(Rear) USB 1 (Front) USB 1, USB External (In/Out pair) 1
	OUTPUT	RGB	N/A	N/A	N/A	N/A
		VIDEO	HDMI 1	HDMI 1	HDMI 1	HDMI 1
		AUDIO	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)
		Touch Out	(Basic) Touch Out 1 (USB Upstream Type), (With Tray) Touch Out 1	(Basic) Touch Out 1 (USB Upstream Type), (With Tray) Touch Out 1	(Rear) Touch Out 1 (USB Upstream Type), (Front) Touch Out 1	(Rear) Touch Out 1 (USB Upstream Type), (Front) Touch Out 1
	INTERNAL	SENSOR	Acceleration sensor	Acceleration sensor	N/A	N/A
	EXTERNAL	CONTROL	Touch Input, RS232C thru stereo jack, RJ45 (For MDC)	Touch Input, RS232C thru stereo jack, RJ45 (For MDC)	Touch Input, RS232C thru stereo jack, RJ45 (For MDC)	Touch Input, RS232C thru stereo jack, RJ45 (For MDC)
	BT/WiFi		Yes (Keyboard/Mouse,speaker)	Yes (Keyboard/Mouse,speaker)	Yes (Keyboard/Mouse,speaker)	Yes (Keyboard/Mouse,speaker)
Touch	Type		IR	IR	IR	IR
	# of Drawing		20 touch (internal/external) * Whiteboard app works 4 drawing	20 touch (internal/external) * Whiteboard app works 4 drawing	20 touch (internal/external) * Whiteboard app works 4 drawing	20 touch (internal/external) * Whiteboard app works 4 drawing
	Touch Pen Type		Passive Pen with magnet	Passive Pen with magnet	Passive Pen with magnet	Passive Pen with magnet
	Object Recognition Range		2mm/4mm/8mm/50mm (Brush Mode : Dynamic Object Recognition)	2mm/4mm/8mm/50mm (Brush Mode : Dynamic Object Recognition)	2mm/4mm/8mm/50mm (Brush Mode : Dynamic Object Recognition)	2mm/4mm/8mm/50mm (Brush Mode : Dynamic Object Recognition)
	Touch Response Time		6.7ms	6.7ms	6.7ms	6.7ms
	Drawing Speed (Touch latency)		26ms	26ms	26ms	26ms
	Haze		8%~12%	8%~12%	8%~12%	8%~12%
	Thickness		3.0T	3.0T	3.2T	3.2T
	Hardness		Heat Semi-Strengthened Glass	Heat Semi-Strengthened Glass	Heat Semi-Strengthened Glass	Heat Semi-Strengthened Glass
	Additional Film		Anti Glre, Anti Fog, Protection, Anti-microbial Coating	Anti Glre, Anti Fog, Protection, Anti-microbial Coating	Anti Glre, Anti Fog, Protection, Anti-microbial Coating	Anti Glre, Anti Fog, Protection, Anti-microbial Coating
Power	Type		Internal	Internal	Internal	Internal
	Power Supply		AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
	Power Consumption	Max [W/h]	154W (100-240V)	192.5W(100-240V)	TBD	TBD
		Typical [W/h]	98W	120W	TBD	TBD
		Rating [W/h]	140W	175W	TBD	TBD
		Stand by [W/h]	0.5W	0.5W	0.5W	0.5W
		BTU [W/h]	525.14W	656.425W	TBD	TBD
Mechanical Spec	Dimension (mm)	Set	1,297.4 x 768.2 x 59.9	1,522.4 x 897.6 x 62.9	1,735.4 x 1,038.5 x 83.4	1,957.1 x 1,163.2 x 83.4
		Package	1,464 x 915 x 190	1,691 x 1,055 x 198	1,885 x 1,171 x 210	2,130 x 1,295 x 220
	Weight (kg)	Set	28.6	39.7	53.6	66.9
		Package	35.9	48.2	63	78.6
	VESA Mount		400 * 400	400 * 400	400 * 400	600 * 400
	Protection Glass		Yes	Yes	Yes	Yes
	Media Player Option Type		N/A	N/A	N/A	N/A
	Power Cable Length		3M/2.4M (US)	3M/2.4M (US)	3M/2.4M (US)	3M/2.4M (US)
Design	Bezel Color		Gray White	Gray White	Gray White	Gray White
Operation	Operating Temperature		0℃~ 40℃	0℃~ 40℃	0℃~ 40℃	0℃~ 40℃
	Humidity		10 ~ 80%, non-condensing	10 ~ 80%, non-condensing	10 ~ 80%, non-condensing	10 ~ 80%, non-condensing
	Key		Flip App	Flip App	Flip App	Flip App
	Orientation		Landscape/Portrait	Landscape/Portrait	Landscape	Landscape
	H/W		Touch module (IR), Built in Speaker (15W*2CH), WiFi/BT Module Embedded	Touch module (IR), Built in Speaker (15W*2CH), WiFi/BT Module Embedded	Touch module (IR), Built in Speaker (10W*4CH), WiFi/BT Module Embedded	Touch module (IR), Built in Speaker (10W*4CH), WiFi/BT Module Embedded
Feature	S/W	First screen	Flip Home	Flip Home	Flip Home	Flip Home
		Apps	Whiteboard, Brush, NoteOn, Document viewer, Image viewer, Web browser, Smartview+, Video player Workspace (RDP/VNC, MS365)	Whiteboard, Brush, NoteOn, Document viewer, Image viewer, Web browser, Smartview+, Video player Workspace (RDP/VNC, MS365)	Whiteboard, Brush, NoteOn, Document viewer, Image viewer, Web browser, Smartview+, Video player Workspace (RDP/VNC, MS365)	Whiteboard, Brush, NoteOn, Document viewer, Image viewer, Web browser, Smartview+, Video player Workspace (RDP/VNC, MS365)
		WebRTC	Yes	Yes	Yes	Yes
		Upgradable web engine	Yes	Yes	Yes	Yes
		SmartView+	Yes	Yes	Yes	Yes
	Internal Player (Embedded H/W)	Platform	Tizen 9.0	Tizen 9.0	Tizen 9.0	Tizen 9.0
		Processor	CA76 Quad (1.7GHz)	CA76 Quad (1.7GHz)	CA76 Quad (1.7GHz)	CA76 Quad (1.7GHz)
		Memory	8GB	8GB	8GB	8GB
		Storage	64GB (54GB Available)	64GB (54GB Available)	64GB (54GB Available)	64GB (54GB Available)
Certification	Safety		60950-1/62368-1	60950-1/62368-1	60950-1/62368-1	60950-1/62368-1
	EMC		Class A	Class A	Class A	Class A
	Environment		ENERGY STAR 8.0, EPEAT Silver	ENERGY STAR 8.0, EPEAT Silver	ENERGY STAR 8.0, EPEAT Silver	ENERGY STAR 8.0, EPEAT Silver
	Security		802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP WPA3-Personal	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP WPA3-Personal	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP WPA3-Personal	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP WPA3-Personal
Accessories	Included		Power Cord, USB Upstream Cable (1ea), Pen (2ea, Gray White), Waranty/QSG	Power Cord, USB Upstream Cable (1ea), Pen (2ea, Gray White), Waranty/QSG	Power Cord, USB Upstream Cable (1ea), Pen (2ea, Gray White), Waranty/QSG	Power Cord, USB Upstream Cable (1ea), Pen (2ea, Gray White), Waranty/QSG
	Optional	Stand	STN-WM55R	N/A (3rd party company stand can be supported through VESA)	N/A (3rd party company stand can be supported through VESA)	N/A (3rd party company stand can be supported through VESA)
		Mount	WMN-4277SF	WMN-WM65R	WMN6575SG	WMN8200SD
		OPS Mount	-	-	CY-PBRK200	CY-PBRK200
		Tray	CY-TF65BFC	CY-TF65BFC	-	-

* Certain specifications for the 75" and 85" models are preliminary and subject to change prior to final product release.

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Samsung Electronics Co., Ltd.
129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677 Republic of Korea

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* Images simulated for illustrative purposes only

Samsung Flip

WMFX series

Unlimited collaboration possibilities

Samsung Flip creates a meeting environment where ideas flow as soon as inspiration strikes. With instant writing on power-up, it works like a true whiteboard keeping discussions stay smooth and uninterrupted. Its intuitive home screen provides quick access to frequently used apps and tools, adapting naturally to any meeting style. Enhanced clarity and fluid interaction make it easier to express and share ideas with confidence. Designed to fit every workspace, Flip offers rotatable 55" and 65" models for flexible collaboration and slimmer 75" and 85" models with refined proportions that elevate modern meeting spaces. Protected by enterprise-grade Samsung Knox, Flip ensures every collaboration remains secure and reliable.

Key features

Natural & Precise Writing

Experience smooth, accurate pen performance with 26ms response time and 2,048 pressure levels. Every stroke feels natural, while flexible erasing keeps your creative flow uninterrupted.

Enhanced Whiteboard

Start writing instantly. Flip's enhanced whiteboard lets you edit, move, and resize notes freely — transforming handwriting and shapes into clean, professional visuals.

Easy Multitasking

Display multiple windows side-by-side to compare data, browse content, or take notes — all on one screen. Collaborate more efficiently without switching views.

Flip Home

Keep your favorite tools within reach. Flip Home puts Whiteboard, Note On, and Screen Share right on your customized toolbar for smoother, faster meetings.

Rotatable Design*(55", 65") / Slim Design*(75", 85")

Flip adapts to every workspace — rotatable 55" and 65" models enable flexible collaboration, while slimmer 75" and 85" models bring modern elegance to professional spaces.

* Rotatable design available on 55" and 65" models only. The 43.5mm slim profile applies to 75" and 85" models only.

Samsung Knox Security

Powered by Samsung Knox, Flip safeguards every idea with multi-layered protection from boot-up to shutdown, ensuring worry-free collaboration.

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บริษัท เรียลเทคบียอนด์ จำกัด (Realtechbeyond Co., Ltd.)

089-763-1630 (กอล์ฟ)
085-088-3438 (ซีซี)
Line Official: **@Realtechbeyond**
saleservice@realtechbeyond.com
Website: **realtechbeyond.com**

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